

SITE NUMBER: NC-L3-01
LOCAL NAME: Horseshoe Pond
WRIA: 20.0180B

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: N.F. Calawah **DATE:** 4/19/90 **OBSERVER:** Nettnin

(Continued)

COMMENTS & RECOMMENDATIONS: NC-L3-01 is a small and rather unusual off channel pond. It contains very clear, "spring-like" water but does not appear to have a great deal of water flowing into or out of it at any time. The egress channel, which was dry at the time of this survey, is very poorly defined and could easily be over-looked while walking along the river bank. The egress appears to accommodate only a small volume of flowing water during periods of heavy run off. Since the pond is visible, and apparently watered, on the 1985 aerial photos (which were taken in early July), it appears that the pond remains watered at least into early summer. The pond presently appears to be about 1 ft below its maximum winter level.

Cover in the pond is primarily supplied by scattered sedge grasses at each end of the pond and L.O.D. scattered throughout. Large areas of the pond have a white, sandy bottom that would greatly reduce a fish's ability to hide in the open portion of the pond and greatly increase the fish's need for additional cover.

It may be possible to excavate an egress channel at NC-L3-01 that would provide reliable fish access to the pond. The first thing required, however, is to determine if enough spring water is present to provide a continuous surface out flow. If not enough flow exists, such an excavation might easily drain the pond.

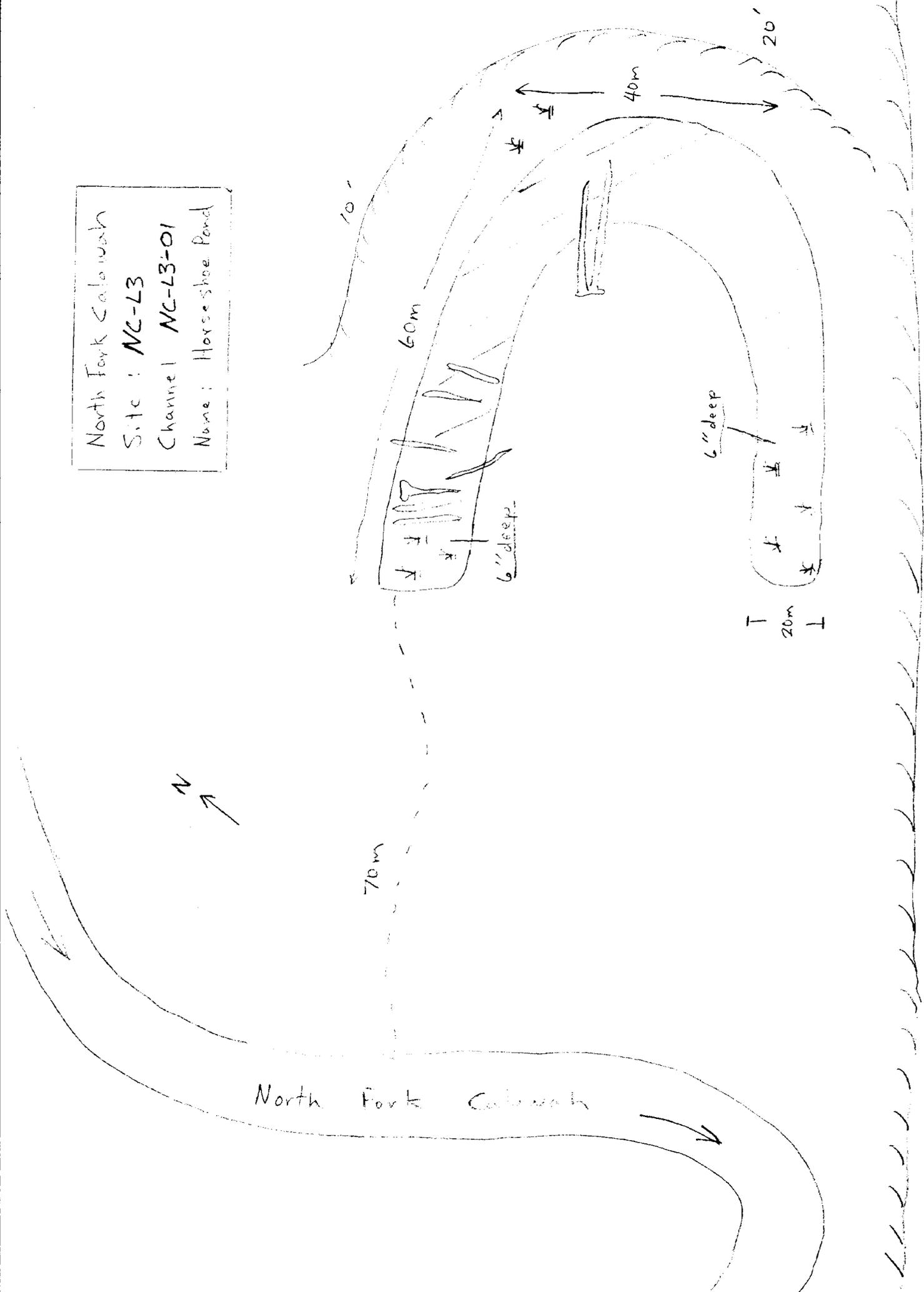
Access to this pond is poor for both man and machine. It is about a 1 hour walk in from the south. The walk in from the north is shorter but requires fording the river twice. When flows are up the northern access may not be feasible. The best machine access appears to be the north access which follows an old grade along the right bank. A culvert or two is gone along this grade and again it would require crossing the river with machinery twice. The banks are a little steep at the lower ford.

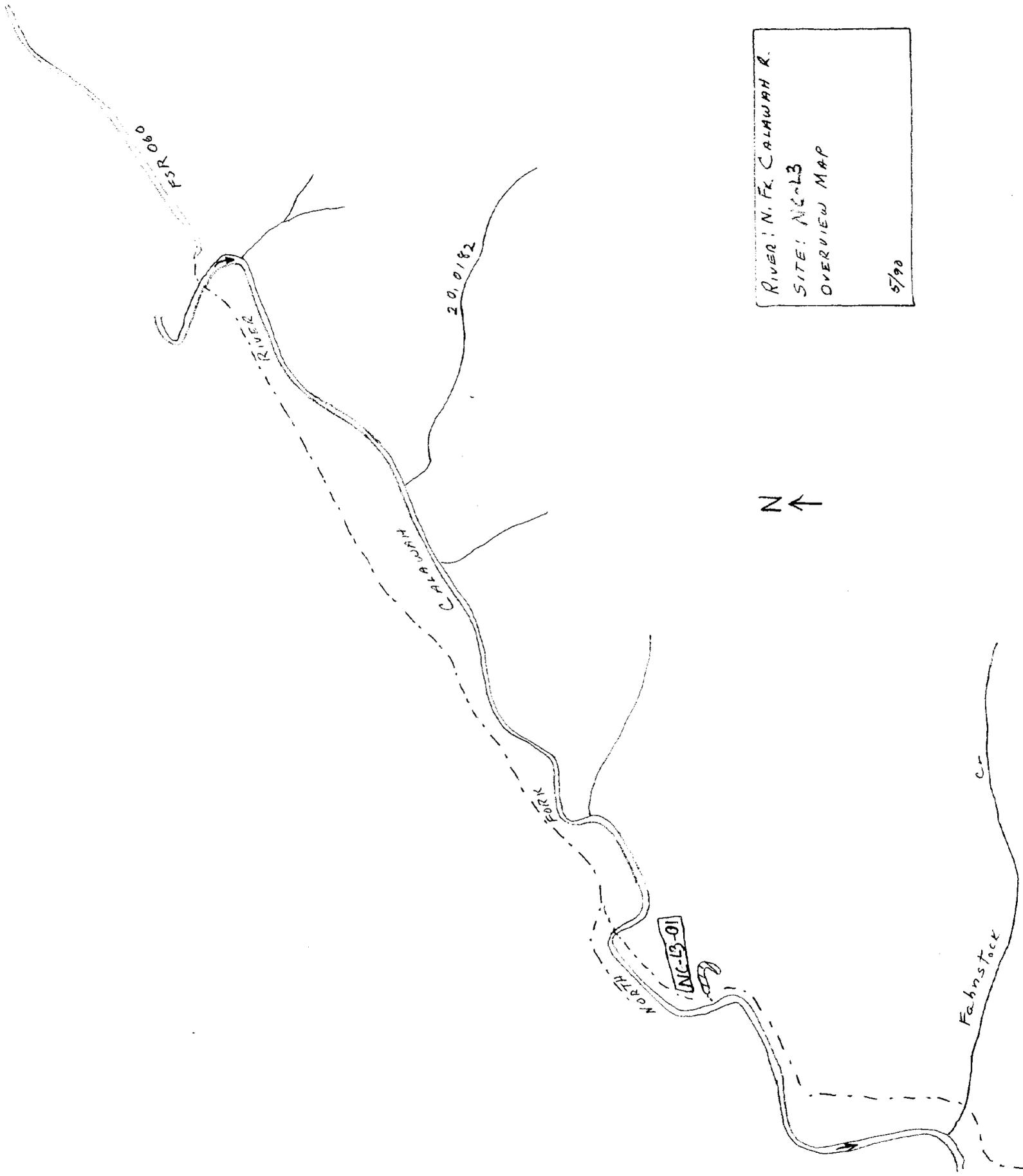
DATE: 7/31/90

OBSERVER: Nettnin

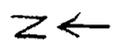
The center of the pond is still contains water. Water temp at the outlet end is 71 F. Water temp at center of the pond is 70 F. A small spring at the toe of the terrace is 59 F. Flow at the spring is only a trickle. A dry inlet channel to the pond, which probably carries water during periods of high run off, was also seen.

North Fork Calowash
Site: NC-L3
Channel: NC-L3-01
Name: Horseshoe Pond

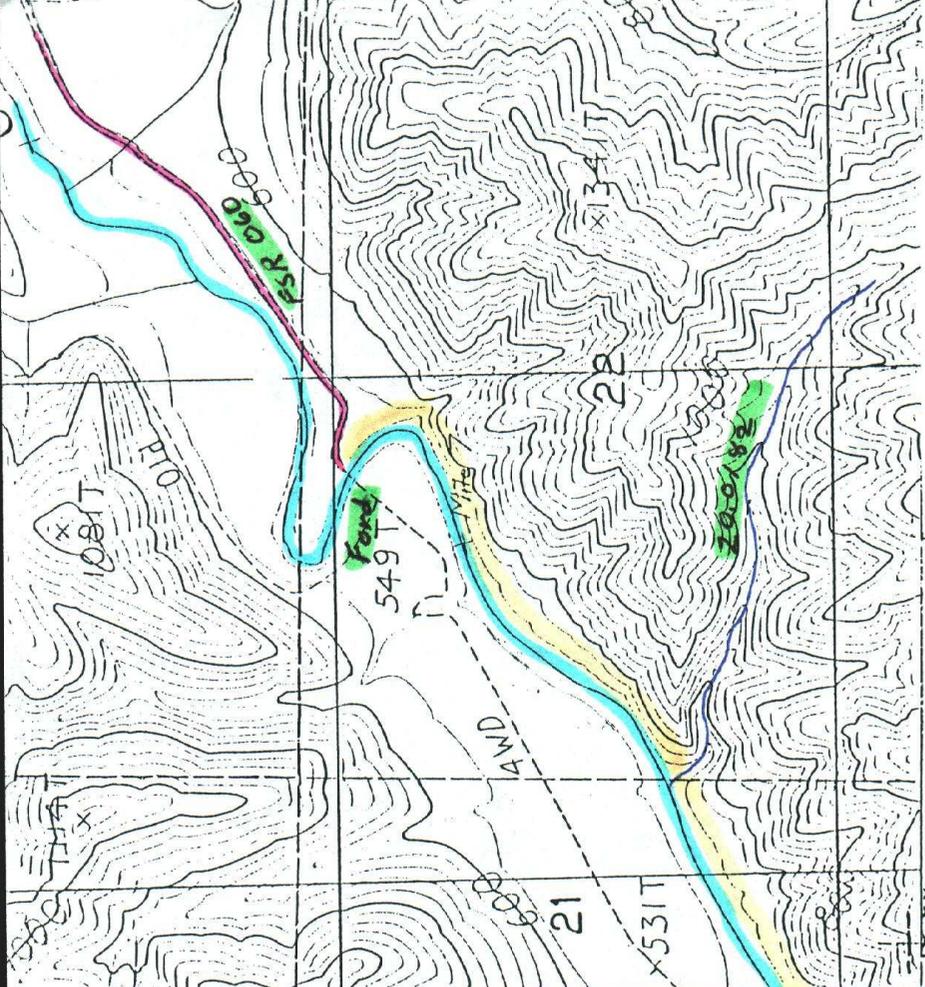




RIVER: N. FK. CALAWAH R.
SITE: NC-13
OVERVIEW MAP
5/90



FOREST



RIVER: N. FK. CALAWAN R.
 SITE: **NC13**
 SITE MAP

5316
 380 000
 FEET